



DEFENSE MAPPING AGENCY

**FY 85 - 89**

**JOINT MANPOWER  
PROGRAM**

**SPECIAL PROGRAM OFFICE  
FOR  
EXPLOITATION MODERNIZATION**



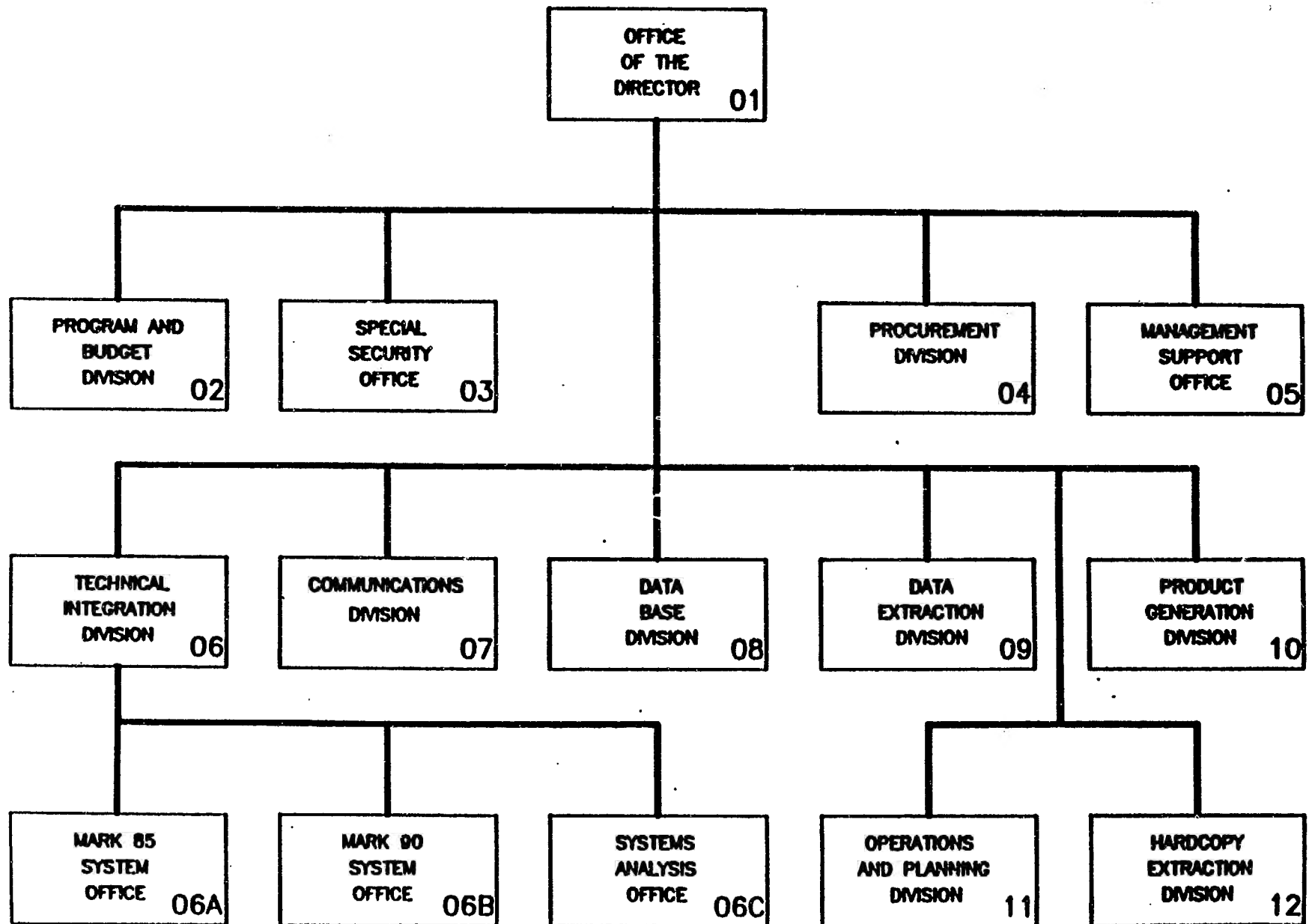
# JOINT MANPOWER PROGRAM

## PART I

### ORGANIZATION AND FUNCTIONS

# DEFENSE MAPPING AGENCY

## SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION



## DEFENSE MAPPING AGENCY

### SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION

**Mission.** The mission of the Special Program Office for Exploitation Modernization is to develop and implement a capability to produce DMA products using hardcopy/softcopy source materials collected from advanced acquisition systems. Enhanced production efficiencies and throughput timelines is a major goal of the organization.

#### Functions.

1. Manage DMA's program for the development of hardcopy/softcopy exploitation modernization systems.
2. Manage the implementation, training, and transition integration of hardcopy/softcopy exploitation equipment into the DMA production process.
3. Design, procure, and implement new hardcopy production as needed to adapt existing production equipment to source material acquired from advanced acquisition systems.
4. Design, procure, and implement new softcopy digital production exploitation systems.
5. Manage the implementation of hardcopy enhancements to the production centers.
6. Establish technical goals, objectives and milestones, priorities, and funding levels for tasks assigned to contractors or laboratories. Provide guidance and monitor progress of contractors and laboratories.
7. Represent the Director, DMA, on matters pertaining to hardcopy/softcopy exploitation programs as appropriate with the Office of the Secretary of Defense, Joint Chiefs of Staff, Military Departments, Defense Agencies, and other Government and foreign mapping agencies.
8. Maintain liaison and provide required information to the Internal Advisory Group (IAG) and the External Advisory Board (EAB).
9. Maintain a continuing review of research efforts to ensure that technologies critical to hardcopy/softcopy exploitation are reviewed and, as appropriate, utilized in DMA's program.



## **01 OFFICE OF THE DIRECTOR**

**Mission.** Manage the programs to accomplish the assigned mission and exercise command of the DMA Special Program Office for Exploitation Modernization (SPOEM).

### **Functions.**

1. Provide overall management, planning, direction, and control of the SPOEM.
2. Develop policies, plans, programs, and management guidance for DMA's hardcopy/softcopy exploitation system development program.
3. Provide advice and assistance on SPOEM matters to the Director, DMA.
4. Maintain continuous interface with Headquarters, DMA, Directorates to ensure technology transfer, system implementation, and mission accomplishment.
5. Administer space and site preparation requirements at both Production Centers for SPOEM Modernization Programs.

## **02 PROGRAM AND BUDGET DIVISION**

**Mission.** Budget, justify, and acquire the financial resources; establish budgetary principles, policies, systems, and procedures covering all budget formulation, management, and execution processes; allocate budget authority; and maintain continuous performance surveillance. Formulate, justify, and maintain the SPOEM's multi-year Program Objective Memorandum (POM), DMA Resources Objectives Plan (DROP), Joint Manpower Program (JMP), Program Change Requests (PCR), Configuration Management (CM), and other program and resource documents; serve as the focal point for all programming and reprogramming activities.

### **Functions.**

1. Compile budget estimates and assist in establishing, presenting, and justifying these estimates. Insure a comprehensive and balanced financial management program; participate in the development, preparation, and validation of inputs of all other program documentation levied.
2. Make budget analyses, indicate resources trends for current and future fiscal periods; analyze and evaluate current program projections for balance, phasing, and feasibility in relation to known and anticipated availability of allocated resources; obtain and allocate the financial resources to implement the budget.
3. Serve as the focal point for response to all budget and related requirements, fiscal guidance, Program Budget Decisions (PBD), issue papers, etc.
4. Participate in the implementation and supervision of internal resources accountability system; implement the annual program/budget schedule reflecting the more significant actions/events to the Department of Defense Planning, Programming, and Budgeting Systems.
5. Review and disseminate guidance on the Five-Year Defense Program (FYDP) for correlation with the manpower program and other resources programs represented in the Budget; initiate action for necessary reconciliation.
6. Serve as the focal point for development, consolidation, and maintenance of input to the MC&G multi-year program documentation including the DROP, POM, and PCRs.

7. Responsible for SPOEM Configuration Management (CM). This includes establishment of CM procedures, scheduling and managing the review/approval processes at EMP Configuration Control Board (ECCB) and Pre-Acquisition Control Board (PACB) meetings. Other related responsibilities include auditing of the development contractors, to ensure that their in-house CM products are adequate.
8. Allocate resources to meet assigned annual program objectives. In coordination with other Divisions, develop alternatives resulting from program and/or resource change and determine impact on assigned programs.
9. Analyze, evaluate, and report on overall program objectives status and accomplishment. Coordinate program changes and resource adjustments implemented by the other Divisions to assure that a balance in manpower, skills, equipment, and contract dollars is maintained commensurate with program objectives and priorities. Prepare program status briefings required for quarterly presentation to DMA.
10. Develop data for assigned programs for use in formulating the annual POM, DROP, and PCRs including current status of the program, narrative description of the program item, program objectives, and manpower required for the time period based on validated programs, priorities, level of effort, and other broad guidance from DMA; assure that the resource allocation (man years and contract dollars) reflects the best mix commensurate with DMA program objectives.
11. Plan, develop, prepare, and maintain the JMP; formulate requests for changes in allocation of manpower.
12. Ensure that adequate support is obtained to provide the SPOEM with appropriate operational and administrative financial and accounting services.
13. Chair the SPOEM Budget Review Committee. Assist the Director in justifying the SPOEM budget and program.
14. Develop requirements for office equipment rental, procurement and maintenance, and office supplies.



### 03 SPECIAL SECURITY OFFICE

Mission. Administer and implement within the SPOEM, national, DoD, and DMA policy and directives governing receipt, use, dissemination, and destruction of Sensitive Compartmented Information (SCI) including providing rapid and secure means for the receipt and dissemination of SCI material. These responsibilities are accomplished through the DMA Special Security Officer System which is an element of the Defense Special Security System.

#### Functions.

1. Provide SSO/TCO/BCO support to the SPOEM and contractor elements.
2. Advise and assist the Director, SPOEM, in the control and utilization of SCI.
3. Provide a rapid and secure means for the communication of special intelligence data between SPOEM and other U.S. Government agencies and contractors involved in SCI activities.
4. Formulate security policy and provide guidance for the planning, construction, and operation of SCI facilities.
5. Assure the proper storage, handling, and safeguarding of SCI materials.
7. Manage the SPOEM Personnel Security Program.
8. Conduct the Security Education Program for SPOEM.
9. Implement DMA policies regarding ADP security and insure compliance.
10. Serve as TEMPEST coordinating officer for the SPOEM and enforce the national policy concerning compromising electro-magnetic emanations.
11. Formulate and manage visitor control within SPOEM SCI facility.
12. Manage the SPOEM SCI billet structure and process/control all Special Access requirements.

#### **04 PROCUREMENT DIVISION**

**Mission.** Provide acquisition/contracting support.

**Functions.**

1. Manage the SPOEM's acquisition and contracting program.
2. Approve all contractual actions within delegated limits.
3. Develop acquisition policy and procedures for the SPOEM in accordance with the Defense Acquisition Regulation (DAR), the DMA DAR Supplement, the Federal Acquisition Regulation (FAR) and the DoD FAR Supplement; interpret acquisition directives and issue necessary implementing instructions; furnish staff supervision over all SPOEM acquisition activity.
4. Accomplish current and advance acquisition planning in support of the SPOEM mission.
5. Prepare, issue, and administer all Source Selection Plans (SSP), Request For Proposals (RFP), pre-contract approval records, and resultant contracts.
6. Perform cost/price analysis of bids and proposals as required by pertinent regulations and furnish professional assistance and staff surveillance to other SPOEM segments in the development of pre-contract cost estimates.
7. Exercise acquisition authority delegated by the Director, DMA.
8. Monitor quality control, progress payments, contract changes, etc., until contract is completed.
9. Administer and account for all Government property furnished or generated during contract performance.
10. Negotiate and effect settlement of claims and disputes.
11. Provide acquisition status information as required.
12. Conduct all contract termination activities.

## **05 MANAGEMENT SUPPORT OFFICE**

**Mission.** Provide policy, planning and procedural guidance, and direction for the overall management of administrative programs within SPOEM. Participate in program and planning operations in collaboration with the Director and other staff officials to identify management implications and ensure responsible administrative planning. Ensure support activities contribute to the SPOEM mission.

### **Functions.**

1. Provide policy guidance and direction to mission support activities within SPOEM.
2. Directs the support staff in establishing policy for and managing the administration, facilities engineering, safety, public affairs, and motor vehicle management requirements of the component.
3. Serves as the SPOEM approving and authenticating official for all TDY requests for the control and proper utilization of TDY funds. Provide TDY travel support services, issue orders and provide administrative support required for issuance of passports.
4. Acts as Contracting Officer's Technical Representative (COTR) for Facility Leases for space and renovations.
5. Serves as liaison between landlord and SPOEM for any administrative services, i.e., fire, safety, building codes, repairs, etc.
6. Provides administrative support for building custodial and maintenance service, and creates staff duty roster for escort duties.
7. Serves as SPOEM point of contact and liaison with assigned HTC personnel specialist and responsible for the overall management of personnel activities.
8. Serves as payroll liaison assistant between SPOEM and AC Central Payroll Office on all civilian payroll and leave matters.
9. Develops policies and exercises control over the planning, installation and operation of the SPOEM telephone communication system.
10. Directs the SPOEM Privacy Act Program and prescribes policy, procedures and criteria for the protection of personal information.



11. Responsible for Foreign Visitor Program, Freedom of Information Act, EEO Miniplans, and similar administrative programs for the Components.
12. Develops, manages, and is responsible for all Interservice Support Agreements.
13. Directs and manages the audiovisual activities and arranges graphics and visual aid support to SPOEM.
14. Formulate, establish, and implement administrative programs, systems, and support services in the area of records, reports, forms, directives, correspondence, and committee management.

06 Technical Integration Division (TID)

Mission: Increases DMA's production capabilities through advanced MC&G technology investigations, prototype and engineering developments, tests, evaluation and incorporation into system design to improve productivity in satisfaction of product requirements. TID coordinates, integrates, and manages the activities of the System Integrator and System Engineering contractors. TID provides the principal point of contact for these agents; it coordinates use of Center technical resources through the Center representatives; and it provides modeling support, coordinates, and integrates the activities of each of the other Divisions in the SPOEM, ensuring that all requirements for the developmental segments are fully established and adequately documented.

06A Mark 85 System Office

Functions:

1. Develop concepts and define Mark 85 system requirements for exploitation modernization including segment specifications, operational testing, training, and the operation and maintenance practices.
2. Manage all technical integration aspects of the Mark 85 system.
3. Establish technical goals, objectives, milestones, and priorities for Mark 85 system development.
4. Represent the Director, SPOEM, on matters pertaining to Mark 85 system development and implementation as appropriate to senior government officials and congressional staffers.
5. Develop input for POM, budget, Congressional justification, etc.

06B Mark 90 System Office

Functions:

1. Develop concepts and define Mark 90 system requirements for exploitation modernization including segment specifications, operational testing, training, and the operation and maintenance practices.
2. Manage all technical integration aspects of the Mark 90 system .
3. Establish technical goals, objectives, milestones, and priorities for Mark 90 system development.

4. Represent the Director, SPOEM, on matters pertaining to Mark 90 system development and implementation as appropriate to senior government officials and Congressional staffers.
5. Develop input for POM, budget, Congressional justification, etc.

06C Systems Analysis Office

Functions:

1. Develops concepts and models system requirements for exploitation modernization. Documents cost trade-off studies.
2. Validates contractor estimates of equipment requirements and production through-put needs.
3. Conduct and prepare analytical evaluation pertaining to advanced technology and application of other source materials to improve productivity.
4. Evaluates RDT&E recommendations which apply to technical integration problems related to DMA's modernization program.
5. Serves as the DMA point of contact for the development of future space strategy and systems.
6. Represent the Director, SPOEM, on matters pertaining to hardcopy/softcopy exploitation programs as appropriate with the Office of the Secretary of Defense, Joint Chiefs of Staff, Military Departments, Defense Agencies and other government and foreign mapping agencies. Has standing membership on the Exploitation, Research and Development group and Navigation Satellite Committee.



## **07 COMMUNICATIONS DIVISION**

**Mission.** Provide for the design, development, and installation of subsystems, hardware and software, and procedures to provide the communications and storage of digital data, management, MC&G, and the source material, within the Exploitation Modernization Program of DMA in support of hardcopy/softcopy exploitation production from collection processes through product generations.

### **Functions.**

1. Develop concepts and define system development requirements for communications projects including design, development, operational testing, training, and the operation and maintenance phases of the projects.
2. Provide management for the Communications and Data Management MARK-90 Segment
3. Establish technical goals, objectives, milestones priorities, schedules, and funding levels for projects assigned to contractors. Provide guidance and monitor the progress of contractors.
4. Assist in the development, construction, and implementation of engineering development prototypes for validation of communication development in support of softcopy exploitation.
5. Conduct and prepare studies pertaining to advanced communications technology.
6. Manage DMA's projects and project funds for all communications aspects of DMA's modernization program.
7. Evaluate RDT&E recommendations to solve communications problems related to DMA's softcopy exploitation program.
8. Develop input for POM, budget, congressional justification, etc.
9. Represent the Director, SPOEM, on matters pertaining to communications projects as appropriate with the Office of Secretary of Defense, Joint Chiefs of Staff, Military Departments, Defense Agencies, and other Government and foreign mapping agencies.

## **08 DATA BASE DIVISION**

**Mission.** Provide for the design, development, and installation of a digital cartographic data base including the development of subsystems, procedures, and equipment for the management of input data, maintenance, output data, and quality of data maintained. Shall provide for the development of the Data Integration Segment (DI/S). The DI/S shall provide HQ DMA, DMAAC, DMAHTC and the DMA field offices with data management services including storage management, access control, and integrity protection for three principal data groups: production management; DI source and product holdings; and MC&G data. The DI/S shall support production planning in the development of DMA Resource Objectives Plans (DROP), Program Objectives Memoranda (POM), and specific production program authorization memos (Letters of Assignment). Product generation support functions include new DI source and product materials evaluation. Shall provide for the development of the Source Acquisition/Feasibility Segment (SA/S). SA/S accepts support data from the system and maintains the support data and an inventory of the hardcopy and softcopy source material. Provide for the design and development of the Production Management Segment (PM/S). The PM/S develops the POM and DROP for the softcopy production program and provides the modelling capability for multi-product operations.

### **Functions.**

1. Manage DMA's projects and project funds for all data base aspects of DMA's modernization program.
2. Manage DMA's projects and project fund for all data base development aspects of DMA's current digital data, graphic data, and associated indices.
3. Develop concepts and define system development requirements for projects including operational testing, training, and the operation and maintenance phases of the projects.
4. Establish technical goals, objectives, milestones, priorities, and funding levels for projects assigned to contractors or performing laboratories. Provide guidance and monitor the progress of contractors and/or laboratories.
5. Evaluate RDT&E recommendations to solve data base problems related to DMA's softcopy exploitation systems.

6. Conduct and prepare studies pertaining to advanced data base technology.
7. Assist in the development, construction, and implementation of a DMA test bed for softcopy exploitation.
8. Develop input for POM, budget, Congressional justification, etc.
9. Represent the Director, SPOEM, on matters pertaining to data base projects as appropriate with the Office of Secretary of Defense, Joint Chiefs of Staff, Military Departments, Defense agencies, and other Government and foreign mapping agencies.



## **09 DATA EXTRACTION DIVISION**

**Mission.** Provide for the design, development, and installation of softcopy subsystems for the exploitation of DMA source materials to produce cartographic data for DMA production programs. Shall provide for the development of the Source Preparation Segment (SP/S). The SP/S shall support softcopy triangulation, source assessment and source generation package. Shall provide for the Data Extraction Segment (DE/S). The DE/S performs data extraction from source material to support the terrain and feature extraction programs of DMA.

### **Functions.**

1. Develop concepts and define system development requirements for extraction projects.
2. Establish technical goals, objectives, milestones, priorities, and funding levels for projects.
3. Manage DMA projects and project funds for all data extraction aspects of DMA softcopy exploitation systems.
4. Evaluate RDT&E recommendations to solve data extraction problems related to DMA softcopy exploitation systems.
5. Conduct studies pertaining to advanced technology related to assigned mission.
6. Develop programmatic data to support DMA resource allocation and justification activities.
7. Represent the Director of SPOEM on matters pertaining to data extraction projects as appropriate with the Office of Secretary of Defense, Joint Chiefs of Staff, Military Departments, Defense Agencies, and other Government and foreign mapping agencies.

## **10 PRODUCT GENERATION DIVISION**

**Mission.** Provide for the design, development, validation, verification, installation, and transition into production of hardware, software, and procedures which constitute three subsystems of the DMA Exploitation Modernization system, specifically the Digital Comparator Segment, the Universal Rectifier Segment, and the Product Generation Segment.

### **Functions.**

1. Provide management for the Product Generation Segment, the subsystem responsible for modernized product generation, including the functions of graphic digitization, monoscopic revision, digital data conversion, the integration into the feature data base of information from these sources, the generation of digital products, the generation digital representations of graphic products.
2. Provide management for the Universal Rectifier Segment, the subsystem responsible for rectification of softcopy source material, and the generation of support for PPDB production.
3. Provide management for the Digital Comparator Segment, the subsystem for softcopy product generation.
4. Manage funds for assigned projects and provide analysis and guidance for POM and budget actions. Assure all assigned projects stay within assigned budget.
5. Manage project schedules and assure all assigned subsystem milestones are met.
6. Manage all technical aspects of assigned projects. Provide assurance that all performance objectives of assigned subsystems are met.
7. Provide guidance and leadership in all phases of assigned projects: conceptual design, acquisition, preliminary design, validation, critical design, manufacture, verification, transition, and implementation.
8. Establish technical goals in digital cartography, evaluate and integrate RDT&E recommendations, coordinate with DMA Center's progress in automated cartography, provide leadership in transition to computer assisted cartography.

9. Provide leadership and resources in support of requirements definition, modeling, analysis, and issue working groups to assure the success of the modernized production system.
10. Represent the Director, SPOEM, on matters pertaining to digital cartography projects as appropriate with the Office of Secretary of Defense, Joint Chiefs of Staff, Military Departments, Defense Agencies, and other Government and foreign mapping agencies.

## **11 OPERATIONS PLANNING DIVISION**

**Mission.** Serves as the primary focal point for managing the transition of the MARK 85 and MARK 90 systems from development to production. Plan for, coordinate, integrate and monitor all activities associated with the transition process.

### **Functions.**

1. Manage and direct the activities of the Transition/Integration Working Group (TIWG).
2. Plan, coordinate and oversee the preparation for Center and Contractor support requirements for the installation and on-site verification of MARK 85 and MARK 90 segments.
3. Plan and prepare the detailed (day-by-day) scheduling of transition events including site preparation, shipment, checkout and testing, intersegment demonstrations, exercises and rehearsals, and turnover.
4. Plan for, coordinate and monitor the implementation of all MARK 85 and MARK 90 facilities readiness activities including site location strategies, facilities performance requirements and constraints, detailed facilities interface drawings and milestone scheduling.
5. Plan, develop, organization and procedures for and coordinate the accomplishment of configuration control during transition.
6. Plan and develop strategies for, coordinate and oversee the accomplishment of appropriate TEMPEST countermeasures and ADP security measures. Assure appropriate testing to support ADP security accreditation.
7. Plan for and coordinate training and equipment maintenance activities necessary to insure a smooth transition of MARK 85 and MARK 90 systems into a full production mode.



## **12 HARDCOPY EXPLOITATION DIVISION**

**Mission.** Provide for the design, development, integration and testing of hardware and software essential to the hardcopy exploitation of MC&G data for the 1985-1990 time period.

### **Functions**

1. Develop the techniques and procedures to upgrade the current functions of hardcopy mensuration, triangulation, instrument data file management, elevation data extraction and rectification.
2. Development of the feature extraction subsystem associated with hardcopy source material in support of Digital Feature Analysis Data, (DFAD), Digital Terrain Analysis Data (DTAD), Vertical Obstruction Data (VOD), and the conventional maps and chart product line.
3. Develop the necessary simulation tools to predict and maintain the MC&G accuracy (both relative and absolute) material.
4. Provide project management expertise to maintain programs within cost and schedule constraints and commensurate with performance specification.
5. Conduct studies related to hardcopy exploitation alternatives and predict performance in terms of accuracy, production throughput, and/or qualitative improvements for each alternative.
6. Provide budgetary projections for input to the POM budget and/or related congressional justifications.
7. Provide extrapolations to softcopy developmental activities within SPOEM based upon studies and analysis of hardcopy performance.

# **JOINT MANPOWER PROGRAM**

## **PART II**

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CPA SPEC FOR EXPLICIT REORGANIZATION

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DATE

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PARA	LINE							E5	E6	E7	E8	EC	
1	2	3	4	5	6	7	8	9	10	11	12	13	
C1		OFFICE OF THE DIRECTOR											
	C1	DIRECTOR	1301	SES				1	1	1	1	1	
	C2	DEPUTY DIRECTOR	1301	SES				1	1	1	1	1	
	C3	SCIENTIFIC ADVISOR	1301	CM				1	1	1	1	1	
		LOCATED IN ST. LOUIS, MISSOURI											
	C4	SECRETARY (STENO)	310	GS				2	2	2	2	2	
	C5	SECRETARY (TYPIST)	310	GS				1	1	1	1	1	
	C6	SECRETARY (STENO)	310	GS				1	1	1	1	1	
		LOCATED IN ST. LOUIS, MISSOURI											
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			TOTALS			EFF		-	-	-	-	-	
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PARA	LINE							85	86	87	88	89	
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C2		PROGRAM & BUDGET DIVISION											
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	C2	CARTO/GEOD STAFF CFF	C5716	C4	AF			1	1	1	1	1	ALL
	C3	PRCG ANALYSIS CFF	345	GM				1	1	1	1	1	
	C4	BUDGET ANALYST	56C	GM				2	2	2	2	2	
	C5	CARTOGRAPHER	137C	GM				1	1	1	1	1	
	C6	ADMIN OFFICER	341	GS				1	1	1	1	1	
	C7	SECRETARY (TYPIST)	31E	GS				1	1	1	1	1	
	C8	SECRETARY (TYF)	31E	GS				1	1	1	1	1	
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			TOTALS			EFF		1	1	1	1	1	
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CPA SPC FOR EXPLICIT RECOGNITION

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PARA	LINE							E5	E6	E7	E8	E9	
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C4		PROCUREMENT DIVISION											
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	02	CONTRACT SPECIALIST	1102	GS			1	1	1	1	1		
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DMA SPC FOR EXPLICIT RECOGNITION

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	C2	SECRETARY (TYF INC)	21E	GS			1	1	1	1	1		
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	C4	SECRETARY (TYF INC)	21E	GS			1	1	1	1	1		
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CEA		MARK 85 SYSTEM OFFICE											
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	C2	COMPUTER SPECIALIST	234	GM			1	1	1	1	1		
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CEB		MARK 90 SYSTEM OFFICE											
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	C2	CARTIC/CECO STF CFF	C5716	C4	AF		1	1	1	1	1		
	C2	JOINT F4D FRL PCF	51A	C4	A		1	1	1	1	1		
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		LOCATED IN LOS ANGELES, CA.											
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	C4	COMPUTER SCIENTIST	1550	GM			1	1	1	1	1		
	C5	COMPUTER SPECIALIST	234	GM			1	1	1	1	1		
	C6	PHYSICAL SCIENTIST	1301	GM			1	1	1	1	1		
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DMA SPEC FOR EXPLICIT PERSONIZATION

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PARA	LINE						E6	E6	E7	E8	E9		
1	2	3	4	5	6	7	8	9	10	11	12	13	
CE		DATA BASE DIVISION											
	C1	CHIEF	1301	CM			1	1	1	1	1		
	C2	COMPUTER SPECIALIST	334	CM			2	2	3	3	3		
	C3	COMPUTER SCIENTIST	1550	CM			1	1	1	1	1		
	C4	CARTOGRAPHER	1370	CS			2	2	2	2	2		
	C5	SECRETARY (TYPIST)	318	CS			1	1	1	1	1		
							-	-	-	-	-		
							-	-	-	-	-		
							E	E	E	E	E		
							-	-	-	-	-		
		TOTALS				EFF	-	-	-	-	-		
						ENL	-	-	-	-	-		
						CIV	E	E	E	E	E		
							-	-	-	-	-		

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CPA SFCEP, ST. LOUIS

CPAJAE

DATE

OCT 1984

INDEX		TITLE	CODE	GRADE	SVS	ADDL CODE	AUTH	REQUIREMENTS					REMARKS CODES
PARA	LINE							E5	E6	E7	E8	E9	
1	2	3	4	5	6	7	8	9	10	11	12	13	
05		DATA EXTRACTION DIVISION											
	C1	CHIEF	1301	CM			1	1	1	1	1		
	C2	PHYSICAL SCIENTIST	1301	CM			4	4	4	4	4		
	C3	COMPUTER SPECIALIST	334	CS			1	1	1	1	1		
		LOCATED IN WASHINGTON, D.C.											
	C4	PHYSICAL SCIENTIST	1301	CS			2	2	2	2	2		
	C5	SECRETARY (STENO)	318	CS			2	2	2	2	2		
							10	10	10	10	10		
		TOTALS				EFF	-	-	-	-	-		
						EAL	-	-	-	-	-		
						CIU	10	10	10	10	10		
							10	10	10	10	10		

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DMA SFC FOR EXPLICIT PCEERAZATION

CPAJAA

DATE

OCT 1964

INDEX		TITLE	CODE	GRADE	SVS	ADDL CODE	AUTH	REQUIREMENTS					REMARKS CODES
PARA	LINE							EE	EE	EE	EE	EE	
1	2	3	4	5	6	7	8	9	10	11	12	13	
10		PRODUCT GENERATION DIVISION											
	C1	CHIEF	1301	GM			1	1	1	1	1		
	C2	PHYSICAL SCIENTIST	1301	GM			3	2	3	3	3		
	C2	PHYSICAL SCIENTIST	1301	GM			1	1	1	1	1		
		LOCATED IN ST. LOUIS, MISSOURI											
	C4	TECHNICAL JAFD SPEC	1412	GS			1	1	1	1	1		
	C5	SECRETARY (TYPIST)	31E	GS			1	1	1	1	1		
							7	7	7	7	7		
		TOTALS				EFF	-	-	-	-	-		
						ENL	-	-	-	-	-		
						CIV	7	7	7	7	7		
							7	7	7	7	7		

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DMA SPEC FOR EXPLICIT PERSONIZATION				DMAJAA		DATE		OCT 1964					
INDEX		TITLE	CODE	GRADE	SVS	ADDL CODE	AUTH	REQUIREMENTS					REMARKS CODES
PARA	LINE						EE	SE	ET	ES	ES		
1	2	3	4	5	6	7	8	9	10	11	12	13	
11		OPERATIONS AND PLANNING DIVISION											
	C1	CHIEF	E9E	GM			1	1	1	1	1		
	C2	PHYSICAL SCIENTIST	E9C1	GM			1	1	1	1	1		
	C2	CIVIL ENGINEER	E1C	GM			1	1	1	1	1		
							3	3	3	3	3		
		TOTALS				EFF	-	-	-	-	-		
						ENL	-	-	-	-	-		
						CIV	3	3	3	3	3		
							3	3	3	3	3		

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CRA SEC FOR EXPLICIT RECOGNITION

CM2JAA

DATE

OCT 1984

INDEX		TITLE	CODE	GRADE	SVS	ADDL CODE	AUTH	REQUIREMENTS					REMARKS CODES
PARA	LINE							E5	E6	E7	E8	E9	
1	2	3	4	5	6	7	8	9	10	11	12	13	
12		HARDCOPY EXTRACTION DIVISION											
	C1	CHIEF	1301	GM				1	1	1	1	1	
	C2	PHYSICAL SCIENTIST	1201	GM				3	3	3	3	3	
	C3	PHYSICAL SCIENTIST	1301	GS				1	1	1	1	1	
	C4	SECRETARY (TIFJAC)	316	GS				1	1	1	1	1	
								6	6	6	6	6	
			TOTALS					-	-	-	-	-	
								-	-	-	-	-	
								6	6	6	6	6	
								6	6	6	6	6	

**DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION**

**TABLE I**

**FISCAL YEAR 1985  
RECAPITULATION OF MANPOWER SPACES  
BY CATEGORY, SERVICE, AND GRADE**

	A	N	AF	MC	TOTAL
OFFICERS					
O-5	2	1	1	-	4
O-4	1	-	2	-	3
 TOTALS	<u>3</u>	<u>1</u>	<u>3</u>	<u>-</u>	<u>7</u>
 ENLISTED					
 TOTALS	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>0</u>
 MILITARY TOTALS	3	1	3	-	7
 CIVILIAN US					94
 GRAND TOTALS					101



DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION

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FISCAL YEAR 1986  
RECAPITULATION OF MANPOWER SPACES  
BY CATEGORY, SERVICE, AND GRADE

	A	N	AF	MC	TOTAL
OFFICERS					
O-5	2	1	1	-	4
O-4	1	-	2	-	3
 TOTALS	<u>3</u>	<u>1</u>	<u>3</u>	<u>-</u>	<u>7</u>
 ENLISTED					
 TOTALS	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>0</u>
 MILITARY TOTALS	3	1	3	-	7
 CIVILIAN US					94
 GRAND TOTALS					101

**DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION**

**TABLE I**

**FISCAL YEAR 1987  
RECAPITULATION OF MANPOWER SPACES  
BY CATEGORY, SERVICE, AND GRADE**

	A	N	AF	MC	TOTAL
OFFICERS					
O-5	2	1	1	-	4
O-4	1	-	2	-	3
 TOTALS	<u>3</u>	<u>1</u>	<u>3</u>	<u>-</u>	<u>7</u>
 ENLISTED					
 TOTALS	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>0</u>
 MILITARY TOTALS	3	1	3	-	7
 CIVILIAN US					94
 GRAND TOTALS					101

**DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION**

**TABLE I**

**FISCAL YEAR 1988  
RECAPITULATION OF MANPOWER SPACES  
BY CATEGORY, SERVICE, AND GRADE**

	A	N	AF	MC	TOTAL
OFFICERS					
O-5	2	1	1	-	4
O-4	1	-	2	-	3
 TOTALS	<u>3</u>	<u>1</u>	<u>3</u>	<u>-</u>	<u>7</u>
 ENLISTED					
 TOTALS	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>0</u>
 MILITARY TOTALS	3	1	3	-	7
 CIVILIAN US					94
 GRAND TOTALS					101

DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION

TABLE I

FISCAL YEAR 1989  
RECAPITULATION OF MANPOWER SPACES  
BY CATEGORY, SERVICE, AND GRADE

	A	N	AF	MC	TOTAL
OFFICERS					
O-5	2	1	1	-	4
O-4	1	-	2	-	3
 TOTALS	 3	 1	 3	 -	 7
ENLISTED					
 TOTALS	 -	 -	 -	 -	 0
MILITARY TOTALS	3	1	3	-	7
CIVILIAN US					94
 GRAND TOTALS					101

DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION

TABLE II

FISCAL YEAR 1986  
PROJECTED AND NET CHANGES  
BY CATEGORY AND SERVICE

	A	N	AF	MC	TOTAL
OFFICERS	3	1	3	0	7
ENLISTED	0	0	0	0	0
CIVILIAN					94
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	3	1	3	0	101

TABLE II

FISCAL YEAR 1987  
PROJECTED SPACES AND NET CHANGES  
BY CATEGORY AND SERVICE

NO CHANGE

TABLE II

FISCAL YEAR 1988  
PROJECTED SPACES AND NET CHANGES  
BY CATEGORY AND SERVICE

NO CHANGE

TABLE II

FISCAL YEAR 1989  
PROJECTED SPACES AND NET CHANGES  
BY CATEGORY AND SERVICE

NO CHANGE

DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION

TABLE III

REQUIREMENTS FOR FISCAL YEAR 1985  
PROPOSED JTD CHANGES AND JUSTIFICATION  
BY JTD PARAGRAPH/LINE NUMBERS

<u>P/L</u>	<u>TITLE</u>	<u>CODE</u>	<u>GRADE</u>	<u>SVC</u>	<u>ADDL CODE</u>	<u>NO</u>	<u>AUTH YEAR</u>
02/02	CARTO/GEOD STF OFF	C5716	04	AF	-	+1	85

JUSTIFICATION: The above position was contained in our FY 1984 JMP and approved for planning/programming purposes by MJCS-266-03 memorandum, 8 December 1983.

06C/02	R & D COORDINATOR	1161	05	A	-	+1	85
--------	-------------------	------	----	---	---	----	----

JUSTIFICATION: The above position is being transferred from HQ DMA to DMA SPOEM due to DMA SPOEM reorganization.

06/02	CARTO/GEOD STF OFF	C5716	04	AF	-	-1	85
06C/01	CHIEF	C5716	05	AF	-	+1	85

JUSTIFICATION: This billet is upgraded to 05 to provide the authorization for a Senior Military Supervisor (Carto/Geo Staff Officer) for GM-14 and 15 personnel in the Systems Analysis Office. The grade for this position is changed from 04 to 05 and compensation is provided by an offsetting zero balance reduction of the Digital Program Branch position (C5716) at DMAAC 11D2/02 which is downgraded from 05 to 04.

DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION

TABLE III

REQUIREMENTS FOR FISCAL YEAR 1986  
PROPOSED JTD CHANGES AND JUSTIFICATION  
BY JTD PARAGRAPH/LINE NUMBERS

NO CHANGE

DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION

TABLE III

REQUIREMENTS FOR FISCAL YEAR 1987  
PROPOSED JTD CHANGES AND JUSTIFICATION  
BY JTD PARAGRAPH/LINE NUMBERS

NO CHANGE



DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION

TABLE III

REQUIREMENTS FOR FISCAL YEAR 1988  
PROPOSED JTD CHANGES AND JUSTIFICATION  
BY JTD PARAGRAPH/LINE NUMBERS

NO CHANGE

**DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION**

**TABLE III**

**REQUIREMENTS FOR FISCAL YEAR 1989  
PROPOSED JTD CHANGES AND JUSTIFICATION  
BY JTD PARAGRAPH/LINE NUMBERS**

**NO CHANGE**

DEFENSE MAPPING AGENCY  
SEPCIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION

TABLE VI

FISCAL YEAR 1985  
AIR FORCE OFFICER SPACES BY GRADE, BY SPECIALTY CODE

<u>SPECIALTY</u>	<u>GO</u>	<u>06</u>	<u>05</u>	<u>04</u>	<u>03</u>	<u>02</u>	<u>01</u>	<u>TOTAL</u>
C5716			1	2				3
SUBTOTAL			1	2				3
TOTAL			1	2				3

DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION

EXPLANATION OF REMARKS

- G ADDITIONAL REQUIREMENT FOR AIR FORCE MC&G OFFICERS (AFSC 57XX).
- J INCUMBENT OF POSITION MUST POSSESS A CURRENT (WITHIN 5 YEARS) FAVORABLE EXPANDED BACKGROUND INVESTIGATION WHICH, AFTER ADJUDICATION BY THE DIA, WILL PERMIT ACCESS TO SPECIAL INTELLIGENCE.
- L OFFICER SUB-SPECIALTY 0047P GEOPHYSICS MASTER DEGREE REQUIRED.
- Y THE OFFICER SUB-SPECIALTY 8395Q COMPUTER SYSTEMS TECHNOLOGY (RDT&E) MASTERS DEGREE REQUIRED.

\* INDICATED KEY POSITION JCS MOP 173

DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION

TABLE IV

FISCAL YEAR 1985  
ARMY SPACES BY GRADE, BY SPECIALTY

SPECIALTY	09	07	06	05	04	03	02	TOTAL
27				1				1
51				1	1			2
SUBTOTAL				2	1			3
TOTALS				2	1			3

**DEFENSE MAPPING AGENCY  
SPECIAL PROGRAM OFFICE FOR EXPLOITATION MODERNIZATION**

**TABLE V**

**FISCAL YEAR 1985  
NAVY SPACES BY GRADE, BY SPECIALTY**

DESIGNATOR	06	05	04	03	02	TOTAL
UNRESTRICTED LINE						
1000		1				1
SUBTOTAL		1				1
TOTALS		1				1

# **JOINT MANPOWER PROGRAM**

## **PART III**

### **JOINT MOBILIZATION AUGMENTATION**

THERE IS NO MOBILIZATION AUGMENTATION REQUIREMENT FOR THE  
DEFENSE MAPPING AGENCY - SPECIAL PROGRAM OFFICE FOR  
EXPLOITATION MODERNIZATION.